

Notice of Allowability

Application No.

10/728,958

Applicant(s)

PARK ET AL.

Examiner

Art Unit

Ronald D Hartman Jr.

2121

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed on 12/01/2004.
2. ☒ The allowed claim(s) is/are 1-5, 7-10, 12-16 and 18-20 (renumbered by the examiner as claims 1-17).
3. ☒ The drawings filed on 08 December 2003 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

1. Claims 1-5, 7-10, 12-16 and 18-20 are represented for further examination.

Response to Amendment

2. The applicant's changes with respect to the aforementioned claims have rendered moot any and all claim objections previously set forth by the examiner of record in the office action dated 09/02/2004; also, the applicant's arguments with respect to the aforementioned claims have rendered moot any and all claim rejections, with respect to 35 U.S.C. 101, previously set forth by the examiner of record in the office action dated 09/02/2004; also, the applicant's changes with respect to the aforementioned claims have rendered moot any and all claim rejections, with respect to 35 U.S.C. 102 and 103, previously set forth by the examiner of record in the office action dated 09/02/2004.

Allowable Subject Matter

3. Claims 1-5, 7-10, 12-16 and 18-20 are allowed.

Before providing a brief explanation with regards to why the instant claims are believed to be patentable over the prior art of record, it is worth mentioning that the applicant has chosen to amend independent claim 1 to include features previously presented by way of claim 17, and these feature were previously indicated as being features that would provide the basis for an allowable claim if they were incorporated into an independent claim, including all of the other features and or limitations as claimed.

Therefore, claim 1 is now believed to be allowable over the prior art of record due to its incorporation of previously allowed, but objected to subject matter, and this is further explained below.

As per claims 1-5, 7-10, 12-16 and 18-20, specifically independent claim 1, the prior art of fails to teach a method for operating a multi-type air conditioner wherein a

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recalculated total cooling load is calculated by adding the total cooling load of the indoor units *before* change of the operation temperature and an additional cooling load required *following* the change of the operation temperature *and* the recalculated heating load being calculated by adding the total heating load of the indoor units *before* change of the operation temperature and an additional heating load required *following* change of the operation temperature, in combination with the other claimed features and or limitations as claimed by the claimed invention.

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ronald D Hartman Jr. whose telephone number is (571) 272 - 3684. The examiner can normally be reached on Mon. - Fri., 11:30 am - 8:00 pm EST.

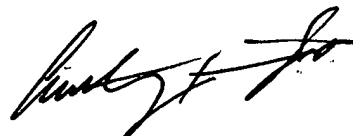
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Anthony Knight can be reached at (571) 272 - 3687. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Ronald D Hartman Jr.

Patent Examiner

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Anthony Knight
Supervisory Patent Examiner
Group 3600